

**CENTRAL INTELLIGENCE AGENCY
INFORMATION REPORT**

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REPORT

SUBJECT Chorzow Power Plant

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THE SOURCE EVALUATIONS IN THIS REPORT ARE DEFINITIVE.
THE APPRAISAL OF CONTENT IS TENTATIVE.
(FOR KEY SEE REVERSE)

1. The following turbines are located in the power plant at Chorzow:

- a. One turbo-generator with a capacity of 15 - 17,000 kW. This machine was constructed by the Allgemeine Elektricitäts Gesellschaft (AEG) in Berlin and was delivered in 1912. It has already been in operation for 286,000 hours, which may be a record for longevity. Because of its out-dated construction, it is very costly to operate. It should have been scrapped long ago; no replacement is available, so the machine is being kept in operation.
- b. One turbo-generator with a capacity of 15 - 17,000 kW. This machine was constructed by AEG and delivered in 1916. The inductor on the generator of this machine has a unipolar ground leak (Einpolarer Erdschluss) but despite the damage the machine is being kept in operation. The damage may be repaired by a Swiss turbine firm. 25X1
- c. One turbo-generator with a capacity of 45,000 kW. This machine was constructed by AEG and delivered in 1942. The machine has no defects and is in operation.
- d. One turbo-generator with a capacity of 45,000 kW. This machine was constructed by AEG and delivered in 1951. This machine has some faulty turbine blades (Schaufeln) which, in accordance with the sales contract, must be repaired without cost by AEG. The turbine blade anchorage (Schaufelbefestigung) is now being delivered to Chorzow by AEG and work on the repairs will be started during the spring of 1955. The turbine is in operation despite the damage. 25X1
- e. One turbo-generator with a capacity of 45,000 kW. This machine was delivered a few years ago. When this machine was put into operation, it functioned unsatisfactorily. Despite various repairs and adjustments, the machine continued to function unsatisfactorily and the Poles claimed it had not been constructed properly. Later, it was discovered that the trouble lay in the machine's 25X1

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foundation supports. The foundation supports have since been repaired and the machine has run without further difficulty.

2. The Chorzow power plant formerly had several additional turbines. They were all very old machines with a capacity of only 8 - 10,000 kW. Many of these have already been scrapped to make room for the new turbines. Some of the old machines may still be in the power plant, but it is believed that only the five turbines listed in para. 1 are in operation.

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